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GUPTA et al.(10) **Pub. No.: US 2020/0160702 A1**(43) **Pub. Date: May 21, 2020**(54) **SYSTEM AND METHOD FOR DRIVING ASSISTANCE ALONG A PATH****G08G 1/0967** (2006.01)**B60W 50/14** (2006.01)**B60W 50/08** (2006.01)(71) Applicant: **SONY CORPORATION**, Tokyo (JP)(52) **U.S. CL.**(72) Inventors: **Manish GUPTA**, Bangalore (IN);
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Sho TANAKA, Tokyo (JP)CPC **G08G 1/09623** (2013.01); **B60C 9/00** (2013.01); **B60Q 9/00** (2013.01); **G08G 1/164** (2013.01); **G08G 1/163** (2013.01); **G08G 1/096791** (2013.01); **G08G 1/0112** (2013.01); **G08G 1/096741** (2013.01); **G08G 1/096716** (2013.01); **G08G 1/096775** (2013.01); **G08G 1/096708** (2013.01); **B60W 50/14** (2013.01); **B60W 50/08** (2013.01); **G08G 1/096783** (2013.01)(21) Appl. No.: **16/739,378**(22) Filed: **Jan. 10, 2020****Related U.S. Application Data**

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(57)

ABSTRACT

Various aspects of a system and method for driving assistance along a path are disclosed herein. In accordance with an embodiment, a unique identifier is received from a communication device at an electronic control unit (ECU) of a first vehicle. The unique identifier is received when the first vehicle has reached a first location along a first portion of the path. A communication channel is established between the first vehicle and the communication device based on the received unique identifier. Data associated with a second portion of the path is received by the ECU from the communication device based on the established communication channel. Alert information associated with the second portion of the path is generated by the ECU based on the received data.

